DEPARTMENT of ENVIRONMENT and NATURAL RESOURCES
Minerals & Mining Program - Oil & Gas Section
2050 West Main, Suite #1, Rapid City, SD 57702-2493
Telephone: 605-394-2229, FAX: 605-394-5317

FORM 2

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MAY 8 2007
DEPT OF ENVIRONMENT & NATURAL RESOURCES - RCRD

APPLICATION FOR PERMIT TO DRILL

SOUTH DAKOTA STATE GEOLOGICAL SURVEY WESTERN FIELD OFFICE

Type of work: [X] Drill New Well [ ] Reenter Well [ ] Drill Directional Well [ ] Other _____

Type of well: [ ] Oil Well [X] Gas Well [ ] Injection [ ] Other _____

Name and Address of Operator: BioRock Gas Exploration, LLC
P.O. Box 7049 711 East Wells Ave.
Pierre, SD 57501
Telephone 605-224-5434

Name and Address of Surface Owner: James Groft
301 W. First Street
Ashton, SD 57348

Name and Address of Drilling Contractor and Rig Number:
Stretches Well Services, Inc. Rig #722
39179 195th Street Hitchcock, SD 57348

Surface Location of well: Qtr-Qtr, Sec, Twp, Rge, County, feet from nearest lines of section, and latitude and longitude (if available):
BioRock Gas #2
SW 1/4 of the SW 1/4 - Section 12 - 118N - 64W
600' from Southline and 600' from Westline of Section 12

If Directional, top of pay and bottom hole location from nearest lines of section:
N/A

Acres in Spacing (Drilling) Unit: 640 Acres

Description of Spacing Unit: All of Section 12

Well Name and Number	Elevation	Field and Pool, or Wildcat	Proposed Depth and Formation
BioRock Gas #2	1312	Wildcat	1000 feet Greenhorn

Size of Hole	Size of Casing	Weight per Foot	Depth	Cementing Program (amount, type, additives)	Depth
1) 7 7/8"	5"	SD241 200#	100'	Smooth No. 20 Grout	
2) 4 1/2"	N/A		900'	Cemented to the surface.	
3)					
4)					

Describe Proposed Operations (Clearly State all Pertinent Details, and Give Pertinent Dates, Including Estimated Date of Starting any Proposed Work). Use additional page(s) if appropriate.

We will be drilling a test hole for the purpose of determining the potential natural gas in the Niobrara and Greenhorn formations. We will be using a commercial mud logger and the state Geologist will be doing the electrologging. We will be using a plastic lined pit. The pit and well hole will be closed and plugged in accordance with DENR regulations.

I hereby certify that the foregoing as to any work or operation performed is a true and correct report of such work or operation.

Signature	Name (Print)	Title	Date
	Duane D. Butt	Secretary-Treasurer BioRock Gas Co.	05/07/07

FOR OFFICE USE ONLY

Approved By: _____ Title: Oil and Gas Supervisor

Permit No. 1835 API No. 40 115 20004 Date Issued: June 15, 2007

Conditions, if any, on attached page.